

Statement of Work 2013 Annual Report
Program: Magic Valley Fish Hatchery (MVFH)
Species: A-Run and B-Run Summer Steelhead

Objective 1 – Adult Trapping and Broodstock Development

Tasks:

1. No trapping or Broodstock Development at Magic Valley Fish Hatchery.

Objective 2 – Spawning

Tasks:

1. No Spawning at Magic Valley Fish Hatchery.

Objective 3 – Incubation and Rearing

Tasks:

1. Incubate and rear summer steelhead eggs and fish.
 - a. Incubate and rear eggs and fish at appropriate lot levels: **Summer Steelhead**
This was successfully accomplished with 95.86% overall survival from eyed egg through marking. (e.g., Salmon River AOP).
 - b. Collect and record appropriate physical and biological data during incubation and rearing. Summer Steelhead survival from eyed egg to stocking was 93.84%. A total of 347,578 pounds of feed was fed for a weight gain of 347,012 and a resulting feed conversion of 1.02. The final entire hatchery average rearing densities were under 0.3 D.I.
 - c. Address objectives for Nez Perce Tribe and Shoshone-Bannock Tribe programs and work cooperatively implemented (including egg and fish transfers).
 - d. A feed trial has been completed and will be addressed in a stand-alone Statement of work.
2. Marking and Tagging
 - a. Marking and tagging tasks will be addressed in a stand-alone Statement of Work.
3. Fish Health
 - a. Fish Health tasks will be addressed in a stand-alone Statement of Work.

Objective 4 – Juvenile Fish Releases

Tasks:

1. Annual release plans.
 - a. Distribution of 1,563,870 BY 12 Summer Steelhead smolts by contract personnel began on April 8, 2013 with the transport of Pahsimeroi stock smolts to the Red Rock direct release site and finished May 1, 2013 with the transport of Upper Salmon B smolts to the Yankee Fork Acclimation Ponds. Completed specific release sites and numbers include: Salmon River Red Rock (Pah A) 93,908, Salmon River Shoup Bridge (Pah A) 93,563, Salmon River Colston Corner (Pah A) 94,360, L. Salmon R Stinky Springs (PahA) 219,155, Little Salmon Stinky Springs (Dwor B) 220,162, Pahsimeroi Weir (USB) 112,571, Pahsimeroi Weir (Dwor B) 75,786, Squaw Creek Yankee Fork Guard Station (Dwor B) 188,535, Yankee Fork 3rd bridge direct (Dwor B) 250,965, Yankee Fork Acclimation Ponds (USB) 214,865.

- b. Fish loading and hauling information. All fish hauling services were contracted through Neil Ring Trucking. No unusual mortality events were reported during fish hauling.

Objective 5 – Facility and Equipment Maintenance, Repair, Replacement

Tasks:

1. Maintain facilities and equipment.

During the year the following projects were completed:

- Replaced kitchen sink faucet in Residence C and D.
- Replaced cooking stove in Residence D.
- Replaced ceiling fan in Residence C.
- Vat brooms were replaced.
- Pressure washed and disinfected all raceways, raceways screens and aluminum dam boards.
- A local contractor repaired the center wall in raceways where fist sized holes were present.
- Hatchery personnel repaired several broken sprinkler heads in the hatchery irrigation system.
- Changed oil in the two older pressure washers.
- All incubator stands and incubators were washed and disinfected.
- Replaced lift nut on west raceway 5.
- Vat room was cleaned and disinfected after indoor rearing was completed.
- Exercised /cleaned out bulk feed towers and fines bins.
- Pressure washed central raceway channel.
- Disinfected all fish transport tankers used in BY 12 smolt transport and again following use.
- Removed overgrown mungo pine trees from southeast corner of the hatchery building.
- Replaced several broken solenoids in bridge feeders.
- A severe irrigation piping leak near Residence C was repaired by a local contractor.
- Chipped accumulated woody limbs using wood chipper borrowed from Hagerman National Fish Hatchery.
- Local contractors repaired domestic water well including replacement of a faulty section of pipe.
- Dave Gerdes replaced the insulation and fixed the venting in the intake building.
- McMillan looked at the bridge to evaluate raceway options.
- A local contractor repaired the ice maker.
- Received annual fire extinguisher and fire alarm system inspection.
- A local contractor repaired the light fixtures in the vat room.
- Replaced oil, filters and battery in the mule.
- Arnold machinery repaired green forklift.
- Arnold machinery repaired yellow forklift and replaced tires.
- Completed annual maintenance on walker mower.
- Replaced flat tire on cushman cart twice.
- Replaced 20' section of north outer railing that curled up and snapped.
- A local contractor repaired control buttons on bridge.
- Annual winterization of the hatchery irrigation system was performed.
- Replaced slide gate on hatchery small fish transportation tank.

- Replaced old leaking water valves on both hatchery dorm toilets and kitchen sink.
- Replaced hatchery direction signs at junctions of River Road with Clear Lakes Road and at the hatchery entrance.
- Received LSRCF safety inspection of facility, including residences.
- A local contractor replaced solenoid valve controls in the hatchery irrigation system.
- Installed four new authorized personnel only signs at entrances into the hatchery building.
- Hatchery personnel designed and fabricated a salt delivery device for raceway algae control.
- Cleaned out rain gutters at all hatchery residences.
- Pruned brush, tree limbs and foliage back from the settling pond perimeter fence.
- Replaced one travelling bridge centering wheel.
- Completed minor plumbing repairs to Residence A.
- Completed annual hatchery building roof drain inspection.
- Purchased new tires for the John Deere riding mower.
- Steve Money, Hagerman National Fish Hatchery, supervised the installations of two new electrical outlets designed for use by Fish Marking Trailers.

Objective 6 – Administration, Budgeting, and Reporting

Tasks:

1. Provide administrative oversight, develop and manage budgets, and meet reporting requirements.
 - a. Statement of Work and annual budget. Submitted to IDFG & LSRCF office in Boise, ID by due dates.
 - b. FY 2013 Steelhead Brood Year report by January. Completed draft will be sent to Complex Manager Rick Lowell ASAP for final editing.